

APPLICANT'S ART CITATION (Use several sheets if necessary)	Application	OFPS File No. P/2107-283
	Applicant Steffen GREINER et al.	
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U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)

Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
/BP/	US-5,866,790	02-1999	Hesse et al.	800	205	

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
/BP/	0 485 044 A2	05-1992	Europe			X	
↓	WO 94/28146	08-1994	WIPO			X	
	EP 1 114 866 A2	07-2001	Europe			X	
	WO 02/15674 A1	02-2002	WIPO			X	
	WO 01/33945 A1	05-2001	WIPO			X	
↓	DE 196 30 738 A1	02-1998	Germany			abstract	
	DE 43 17 596 A1	12-1994	Germany			abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/BP/	Database EMBL EBI, HINXTON 14 December 2002 (2002-12-14) HERWIG R ET AL: "Construction of a ' unigene' cDNA clone set by by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes" XP002284826 Database accession no. BQ583953 Zusammenfassung
↓	VIERECK RUTH ET AL: "V-ATPase-and V-PPase-promoters: Strong, housekeeping, developmentally regulated and stress-responsive." PLANT BIOLOGY (ROCKVILLE), Bd. 2000, 2000, Seite 188, XP002284825 Siehe Poster Abstract Nr. 952 Zusammenfassung
	Visser et al: Molecular cloning and characterization of an inorganic pyrophosphatase from barley
	Carystinos et al: Vacuolar HT-Translocating Pyrophosphatase Is Induced by Anoxia or Chilling in Seedlings of Rice
	Maeshima: Vacuolar H ⁺ -pyrophosphatase
	Matsuoka et al: A vacuolar-Type H ⁺ -ATPase in a Nonvacuolar Organelle Is Required for the sorting of Soluble Vacuolar Protein Precursors in Tobacco Cells
	Tanase and Yamaki: Purification and Characterization of Two Sucrose Synthase Isoforms from Japanese Pear Fruit
	Maeshima et al.: Proton Pumps of the Vacuolar Membrane in Growing Plant Cells
↓	Appeldoorn (WU dissertation no. 2710): Developmental changes in carbohydrate metabolism during early tuberisation of potato

/BP/	Gaxiola et al.: The Arabidopsis thaliana proton transporters, AtNhx1 and Avp can function in cation detoxification in yeast
	Stitt: Pyrophosphate as an Energy Donor in the Donor in the Cytosol of Plant Cells: an Enigmatic Alternative to ATP
	Gaxiola et al: Drought-and-salt tolerant plants results from overexpression of the AVP1 H ⁺ -pump
	Geigenberger et al: Overexpression of pyrophosphatase leads to increased sucrose degradation and starch synthesis, increased activities of enzymes for sucrose-starch interconversions, and increased levels of nucleotides in growing potato tubers
	Rung et al: Fructose-2,6-bisphosphate: Structure and expression of a gene encoding Fructose-6-phosphate, 2-kinase/fructose-2,6-bisphosphatase from Arabidopsis thaliana
	Lee et al.: (Arabidopsis Conference 2001): Functional analysis of the 1Cys-Peroxiredoxin in Transgenic Tobacco Plants
	Kim, KIM and Rea: Isolation and Charaterization of cDNAs Encoding the Vacuolar H ⁺ -Pyropehosphatase of Beta Vulgaris
↓	Jardin Rojas-Beltran, Gebhardt and Brasseur: Molecular Cloning and Characterization of a Soluble Inorganic Pyrophosphatase in Potato
	International Search Report PCT/EP2004/001405 dated 21 June 2004
Examiner	/Brent Page/ Date Considered 02/06/2008
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